

AMENDMENT TO THE CLAIMS

Applicants selectively amend the claims as follows:

Listing of Claims:

- 1 1. (Currently Amended) An apparatus to communicate on a point-to-point
2 communication link, the apparatus comprising:
3 a data path input unit to receive a packet on the point-to-point communication link
4 from a transmitting device that does not expect an acknowledgement of a successful or
5 unsuccessful [[a]] completion ~~acknowledgement~~ for a request transaction; and
6 a data path output unit to transmit a message to the transmitting device if the
7 request transaction is unsuccessful.
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- 1 2. (Original) The apparatus of claim 1, the packet including a packet header that includes
2 a requester identification field that identifies the transmitting device.
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- 1 3. (Original) The apparatus of claim 2, the contents of the requester identification field
2 used to route the message back to the transmitting device.
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- 1 4. (Previously Presented) The apparatus of claim 3, the message including an
2 unsupported request error message.
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1 5. (Original) The apparatus of claim 3, the message including an undefined packet error
2 message.

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1 6. (Original) The apparatus of claim 3, the message including a malformed packet error
2 message.

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1 7. (Currently Amended) A system to communicate on one or more point-to-point
2 communication links, the system comprising:

3 a transmitting device to transmit a packet on a point-to-point communication link
4 for a request transaction, wherein the transmitting device does not expect an
5 acknowledgement of a successful or unsuccessful [[a]] completion ~~acknowledgement~~;
6 and

7 a receiving device to receive the packet on the point-to-point communication link
8 and to return a message to the transmitting device if the request transaction is
9 unsuccessful.

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1 8. (Original) The system of claim 7, the packet including a packet header that includes a
2 requester identification field that identifies the transmitting device.

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1 9. (Original) The system of claim 8, the contents of the requester identification field used
2 to route the message back to the transmitting device.

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1 10. (Previously Presented) The system of claim 9, the message including an unsupported
2 request error message.

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1 11. (Original) The system of claim 9, the message including an undefined packet error
2 message.

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1 12. (Original) The system of claim 9, the message including a malformed packet error
2 message.

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1 13. (Currently Amended) A method to communicate on a point-to-point communication
2 link, the method comprising:

3 receiving a request packet on the point-to-point communication link from a
4 transmitting device that does not expect an acknowledgement of a successful or
5 unsuccessful completion for a request packet;

6 determining whether an error condition exists; and

7 if an error condition exists ~~and the request packet does not indicate that a~~
8 ~~completion acknowledgement is expected~~, delivering an error message to the transmitting
9 device.

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1 14. (Canceled).

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1 15. (Currently Amended) The method of claim 13 ~~14~~, wherein the error message
2 indicates an undefined packet.

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1 16. (Currently Amended) The method of claim 13 ~~14~~, wherein the error message
2 indicates a malformed packet.

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1 17. (Currently Amended) The method of claim 13 ~~14~~, wherein the error message
2 indicates an unsupported request.

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1 18. (Currently Amended) A system to communicate on one or more point-to-point
2 communication links, the system, comprising:

3 a requesting device to transmit a packet for a memory transaction over the one or
4 more point-to-point communication links, wherein the requesting device does not expect
5 an acknowledgement of a successful or unsuccessful ~~[[a]] completion acknowledgement~~;
6 and

7 a completing device to receive the packet and to return a message over the one or
8 more point-to-point communication links to the requesting device if the memory
9 transaction is unsuccessful.

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1 19. (Previously Presented) The system of claim 18, the packet including a packet header
2 that includes a requester identification field that identifies the requesting device.

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1 20. (Previously Presented) The system of claim 19, the contents of the requester
2 identification field used to route the message back to the requesting device.

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1 21. (Previously Presented) The system of claim 19, the message including an
2 unsupported request error message.

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1 22. (Previously Presented) The system of claim 19, the message including an undefined
2 packet error message.

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1 23. (Previously Presented) The system of claim 19, the message including a malformed
2 packet error message.

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1 24. (Previously Presented) The system of claim 18, the memory transaction including a
2 memory write transaction.